

The International Research Training Group DROFIT brings together researchers from Germany and Italy focusing on the study of droplet interaction phenomena. The objective is to understand how micro-scale transport processes affect macroscopic flow properties in three thematic research areas: drop-gas interaction, drop-wall interaction and drop-liquid interaction. A key feature is the interdisciplinary approach, which envisages the synergic integration of experimental, numerical and analytical methods.

The Applied Mathematics team at the Institute for Applied Mathematics and Numerical Simulation participates in DROFIT and searches for a PhD candidate to run a project on diffuse-interface modelling of the interaction of droplets with micro-structured walls.

Your profile

- MSc degree in mathematics, simulation technology or related
- Strong interests in mathematical modelling and/or numerical simulation

What we offer

- Full TV-L 13 position for at least 3 years
- an international and interdisciplinary research environment
- structured PhD program within the DFG-funded IRTG DROFIT

Got interested? Any Questions?

Contact Prof. Dr. Christian Rohde via

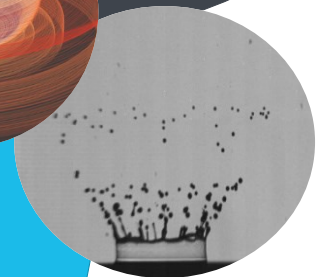
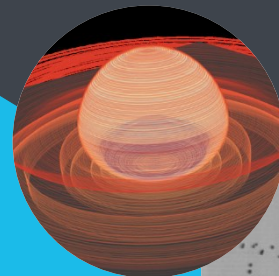
✉ Christian.Rohde@mathematik.uni-stuttgart.de

For more details about DROFIT

🌐 www.project.uni-stuttgart.de/dropit

PhD POSITION:

Compressible Effects in Droplet Interactions with Textured Walls



DROFIT

Gefördert durch

Deutsche
Forschungsgemeinschaft